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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/627,355
Filing Date	July 24, 2003
First Named Inventor	Rodolfo R. Llinas
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	05986/100K520-US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

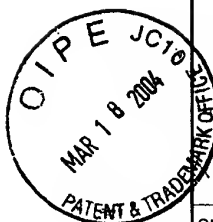
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.C./	1	Elena Leznik, et al.; "Electronically Mediated Oscillatory Patterns in Neuronal Ensembles: An In Vitro Voltage-Dependent Dye-Imaging Study in the Inferior Olive"; The Journal of Neuroscience, April 1, 2002, 22(7), pages 2804-2815	
/P.C./	2	Manuel G. Velarde, et al.; "Modeling inferior olive neuron dynamics"; Neural Networks 15, (2002), 5-10.	
	3	R.R. Llinas, "The Noncontinuous Nature of Movement Execution"; Motor Control: Concepts and Issues, edited by D.R. Humphrey and H.-J. Freund; (Wiley, New York), pages 223-242	
	4	Eric J. Lang, et al.; "Patterns of Spontaneous Purkinje Cell Complex Spike Activity in the Awake Rat"; The Journal of Neuroscience, April 1, 1999, 19(7), pages 2728-2739.	
	5	Vladimir Makarenko, et al.; "Experimentally determined chaotic phase synchronization in a neuronal system"; Proc. Natl. Acad. Sci. USA, vol. 95, pages 15747-15742.	
	6	John P. Welsh, et al.; "Some organizing principles for the control of movement based on olivocerebellar physiology"; Progress in Brain Research, Vol. 114, pages 449-464.	
	7	Vladimir I. Makarenko, et al.; "A New Approach to the Analysis of Multidimensional Neuronal Activity: Markov Random Fields"; Neural Networks, Vol. 10, No. 5, pages 785-789.	
/P.C./	8	E.J. Lang, et al.; "GABAergic Modulation of Complex Spike Activity by the Cerebellar Nucleoolivary Pathway in Rat"; Journal of Neurophysiology, Vol. 76, No. 1, July 1996, pages 255-275.	
/P.C./	9	John P. Welsh, et al.; "Dynamic organization of motor control within the olivocerebellar system"; Nature, Vol. 374, March 30, 1995, pages 453-457.	
/P.C./	10	I. Sugihara, et al.; "Uniform Olivocerebellar Conduction Time Underlies Purkinje Cell Complex Spike Synchronicity in the Rat Cerebellum"; Journal of Physiology (1993), 470, pages 243-271.	
	11	K. Sasaki, et al.; "Multiple Purkinje Cell Recording In Rodent Cerebellar Cortex"; European Journal of Neuroscience, Vol. 1, pages 572-586.	
	12	R. Llinas, et al.; "The Functional Organization of the Olivo-Cerebellar System as Examined by Multiple Purkinje Cell Recordings"; European Journal of Neuroscience, Vol. 4, pages 587-602.	
/P.C./	13	R. Llinas; "The Intrinsic Electrophysiological Properties of Mammalian Neurons: Insights into	

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/P.C./		Central Nervous System Function"; Science, Vol. 242, pages 1654-1664 (1998).	
14		R. Llinas, et al.; "Oscillatory Properties of Guinea-Pig Inferior Olivary Neurons and Their Pharmacological Modulation: An In Vitro Study"; Journal of Physiology (London), 376, pages 169-182.	
15		R. Llinas, et al.; "Electrophysiology of Mammalian Inferior Olivary Neurons In Vitro: Different Types of Voltage-Dependent Ion Channels"; Journal of Physiology (London), 315, pages 549-567.	
16	/P.C./	R. Llinas, et al.; "Electronic Coupling Between Neurons in Cat Inferior Olive"; Journal of Neurophysiology, Vol. XXXVII, No. 3, 1974, pages 560-571.	
17	/P.C./	C. Sotelo, et al.; "Structural Study of Inferior Olivary Nucleus of the Cat: Morphological Correlates of Electronic Coupling"; Journal of Neurophysiology, Vol. XXXVII, No. 3, 1974, pages 541-559.	
18		J.C. Eccles, et al.; "The Excitatory Synaptic Action of Climbing Fibres on the Purkinje Cells of the Cerebellum"; Journal of Physiology, (London), 182, pages 288-298.	
19		R. Llinas, et al.; "Depolarization-Release Coupling Systems in Neurons"; Neurosciences Research Program Bulletin, Vol. 15, No. 4, pages 555-587.	

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